

Title (en)  
Rotary wrench

Title (de)  
Dreh Schlüssel

Title (fr)  
Clé rotative

Publication  
**EP 2390058 A3 20120502 (DE)**

Application  
**EP 11166982 A 20110520**

Priority  
• CH 8192010 A 20100526  
• DE 202009012810 U 20090922

Abstract (en)  
[origin: EP2390058A2] The spanner (100) has a head part (1) with a receiver (3) arranged at a front side for a multi-edge screw or a screw nut. A wall (4) rotates the receiver. A sleeve is arranged on the head part to cover and stabilize the head part in a region of the receiver. The sleeve exhibits wall thickness of 0.6 mm. The sleeve is made of metal i.e. stainless metal alloy, or fiber-reinforced composite material i.e. carbon fiber reinforced plastic. An opening (5) formed in the wall of the receiver. A clamping part (9) is fitted in the opening.

IPC 8 full level  
**B25B 13/06** (2006.01); **B25B 23/10** (2006.01)

CPC (source: EP)  
**B25B 13/06** (2013.01); **B25B 23/108** (2013.01)

Citation (search report)  
• [X] DE 202009012810 U1 20091217 - BD WERKZEUGTECHNIK AG [CH]  
• [X] DE 20113210 U1 20020103 - HOLLAND LETZ FELO WERKZEUG [DE]  
• [X] EP 0565919 A1 19931020 - WAGNER PAUL HEINZ [DE]  
• [X] DE 102005028824 A1 20060720 - GEDORE WERKZEUGFAB O DOWIDAT [DE]  
• [X] GB 1157567 A 19690709 - BAHCO AB [SE]  
• [A] US 2805594 A 19570910 - AARON FOGEL

Cited by  
DE102013015506A1; CN104314954A; US2022266426A1; US11780064B2; WO2015039860A1; WO2013139652A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2390058 A2 201111130; EP 2390058 A3 20120502;** DE 202011109978 U1 20120813

DOCDB simple family (application)  
**EP 11166982 A 20110520;** DE 202011109978 U 20110520